

ABSTRACT

3 A process for producing a lubricant bright stock from a very heavy feed
4 obtained from a petroleum crude is disclosed. The bright stock produced by
5 the present process has a reduced cloud point and better oxidation stability
6 relative to bright stocks prepared by conventional methods. The process
7 comprises the steps of providing a petroleum residuum-derived stream;
8 separating the residuum-derived stream at a distillation cut point in the range
9 of 1150°F to 1300°F, into a heavy fraction and at least one light fraction;
10 hydrocracking the at least one light fraction under conditions to reduce the
11 concentration of sulfur and nitrogen to suitable levels for hydroisomerization
12 dewaxing; and dewaxing at least a portion of the hydrocracked stream under
13 hydroisomerization conditions to produce a lubricant bright stock.